



(11)

EP 1 800 892 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
27.02.2008 Bulletin 2008/09

(51) Int Cl.:
B42D 15/00 (2006.01)

(43) Date of publication A2:
27.06.2007 Bulletin 2007/26

(21) Application number: **06126491.7**

(22) Date of filing: **19.12.2006**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**
Designated Extension States:
AL BA HR MK YU

(72) Inventor: **Fan, Zhigang**
Webster, NY 14580 (US)

(74) Representative: **Zimmer, Franz-Josef**
Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

(30) Priority: **23.12.2005 US 317768**

(71) Applicant: **Xerox Corporation**
Rochester,
New York 14644 (US)

(54) **Counterfeit prevention using miniature security marks**

(57) A system applies a security mark to a recipient. A data reception component (10) receives information from one or more sources. A security mark generation component (12) generates at least one miniature security

mark (MSM) configuration based at least in part upon the information from the data reception component (10). An application component applies the at least one MSM configuration to one or more recipients.

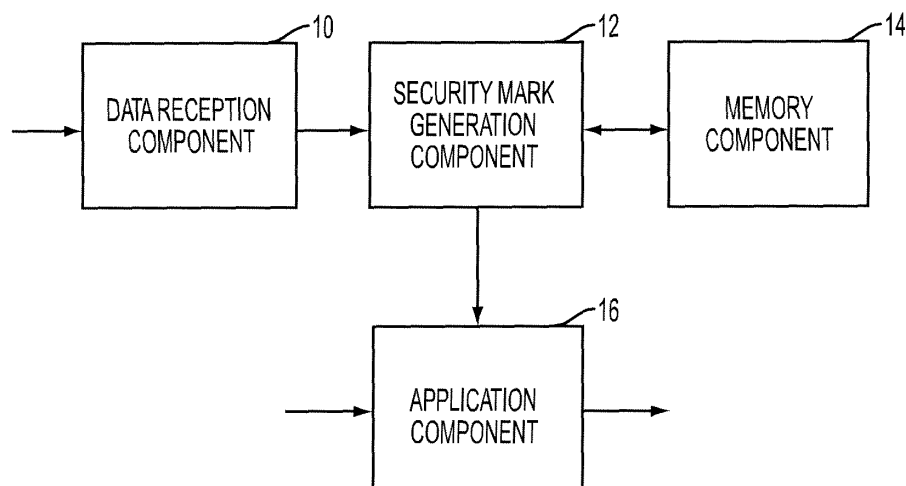


FIG. 1

EP 1 800 892 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 12 6491

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 059 800 A (XEROX CORP [US]) 13 December 2000 (2000-12-13) * abstract * * paragraphs [0004], [0009], [0029], [0037] *	1-10	INV. B42D15/00
A	----- THEODORIDIS S ET AL: "PATTERN RECOGNITION, PASSAGE" PATTERN RECOGNITION, SAN DIEGO, CA : ACADEMIC PRESS, US, 1999, pages 238-241, XP002405837 ISBN: 0-12-686140-4 * the whole document * -----	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			H04N G06K
9 The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 January 2008	Examiner Stoffers, Christian
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 06 12 6491

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-01-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1059800	A	13-12-2000	BR 0002536 A 02-01-2001
		CA 2306068 A1 09-12-2000	
		CN 1277410 A 20-12-2000	
		DE 60023601 D1 08-12-2005	
		DE 60023601 T2 01-06-2006	
		ES 2250050 T3 16-04-2006	
		JP 2001024888 A 26-01-2001	
		US 6580820 B1 17-06-2003	
